

Figure 1

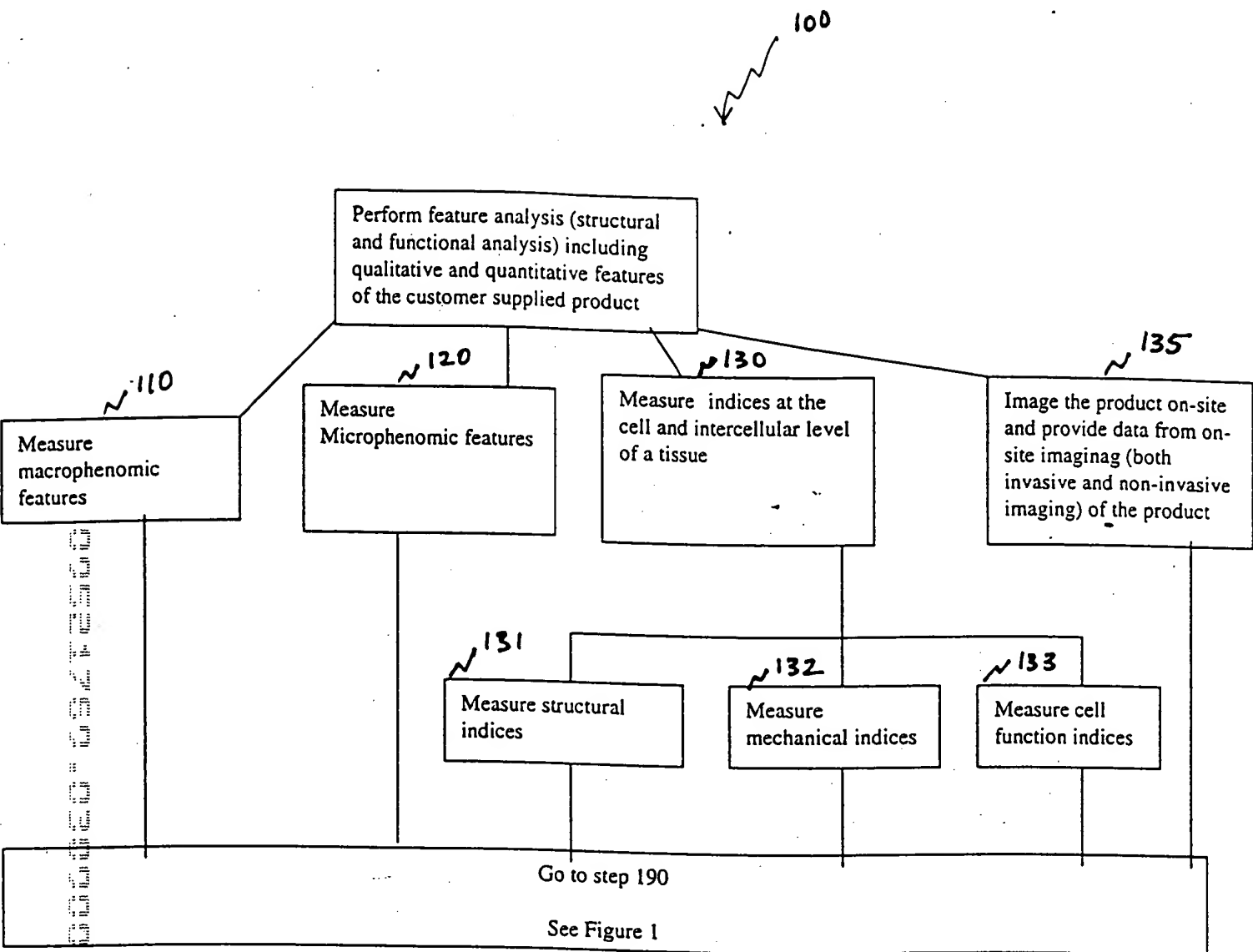


Figure 2

250a	2501a	252a	250b	251b	252b	250x	251x	252x
Genetic Information Cultivar 1	Genetic Information Cultivar 1	Genetic Information Cultivar 1	Genetic Information Cultivar 2	Genetic Information Cultivar 2	Genetic Information Cultivar 2	Genetic Information Cultivar X	Genetic Information Cultivar X	Genetic Information Cultivar X
<ul style="list-style-type: none"> - fruit size gene(s) f_1, f_2, f_3 - β-carotene gene(s) B_1, B_2 - lycopene content gene(s) hp_1 - fruit sugar gene(s) s_1 	<ul style="list-style-type: none"> - fruit size gene(s) f_1, f_2, f_3 - β-carotene gene(s) B_1, B_2 - lycopene content gene(s) hp_1 - fruit sugar gene(s) s_1 	<ul style="list-style-type: none"> - fruit size gene(s) f_1, f_2, f_3 - β-carotene gene(s) B_1, B_2 - lycopene content gene(s) hp_1 - fruit sugar gene(s) s_1 	<ul style="list-style-type: none"> - fruit size gene(s) f_1, f_2 - β-carotene gene(s) B_1, B_2 - lycopene content gene(s) hp_1, hp_2 - fruit sugar gene(s) s_1, s_2 	<ul style="list-style-type: none"> - fruit size gene(s) f_1, f_2 - β-carotene gene(s) B_1, B_2 - lycopene content gene(s) hp_1, hp_2 - fruit sugar gene(s) s_1, s_2 	<ul style="list-style-type: none"> - fruit size gene(s) f_1, f_2 - β-carotene gene(s) B_1, B_2 - lycopene content gene(s) hp_1, hp_2 - fruit sugar gene(s) s_1, s_2 	<ul style="list-style-type: none"> - fruit size gene(s) f_1 - β-carotene gene(s) B_1, B_2, B_3 - lycopene content gene(s) - hp_1, hp_2, hp_3 - fruit sugar gene(s) s_1, s_2, s_3 	<ul style="list-style-type: none"> - fruit size gene(s) f_1 - β-carotene gene(s) B_1, B_2, B_3 - lycopene content gene(s) - hp_1, hp_2, hp_3 - fruit sugar gene(s) s_1, s_2, s_3 	<ul style="list-style-type: none"> - fruit size gene(s) f_1 - β-carotene gene(s) B_1, B_2, B_3 - lycopene content gene(s) - hp_1, hp_2, hp_3 - fruit sugar gene(s) s_1, s_2, s_3
253a	254a	255a	253b	254b	255b	253x	254x	255x
Growth Conditions Information Set 1	Growth Conditions Information Set 2	Growth Conditions Information Set 3	Growth Conditions Information Set 1	Growth Conditions Information Set 2	Growth Conditions Information Set 3	Growth Conditions Information Set 1	Growth Conditions Information Set 2	Growth Conditions Information Set 3
<ul style="list-style-type: none"> - day temperature 15-20°C - soil fertility 4000 (kg Nitrogen/ha) - soil moisture 20% 	<ul style="list-style-type: none"> - day temperature 23-25°C - soil fertility 4000 (kg Nitrogen/ha) - soil moisture 30% 	<ul style="list-style-type: none"> - day temperature 27-30°C - soil fertility 2000 (kg Nitrogen/ha) - soil moisture 50% 	<ul style="list-style-type: none"> - day temperature 15-20°C - soil fertility 6000 (kg Nitrogen/ha) - soil moisture 20% 	<ul style="list-style-type: none"> - day temperature 23-25°C - soil fertility 4000 (kg Nitrogen/ha) - soil moisture 30% 	<ul style="list-style-type: none"> - day temperature 27-30°C - soil fertility 2000 (kg Nitrogen/ha) - soil moisture 50% 	<ul style="list-style-type: none"> - day temperature 5-20°C - soil fertility 6000 (kg Nitrogen/ha) - soil moisture 20% 	<ul style="list-style-type: none"> - day temperature 23-25°C - soil fertility 4000 (kg Nitrogen/ha) - soil moisture 30% 	<ul style="list-style-type: none"> - day temperature 27-30°C - soil fertility 2000 (kg Nitrogen/ha) - soil moisture 50%
240a	241a	242a	240b	241b	242b	240x	241x	242x
Product Feature Range Set 1	Product Feature Range Set 2	Product Feature Range Set 3	Product Feature Range Set 1	Product Feature Range Set 2	Product Feature Range Set 3	Product Feature Range Set 1	Product Feature Range Set 2	Product Feature Range Set 3
<ul style="list-style-type: none"> - fruit size 50-60 mm - β-carotene 8-10 ppm - lycopene 90-100 ppm - total fruit sugars 65-70% 	<ul style="list-style-type: none"> - fruit size 70-80 mm - β-carotene 4-6 ppm - lycopene 70-80 ppm - total fruit sugars 65-70% 	<ul style="list-style-type: none"> - fruit size 90-100 mm - β-carotene 1-2 ppm - lycopene 55-65 ppm - total fruit sugars 65-70% 	<ul style="list-style-type: none"> - fruit size 55-60 mm - β-carotene 9-10 ppm - lycopene 95-100 ppm - total fruit sugars 65-70% 	<ul style="list-style-type: none"> - fruit size 75-80 mm - β-carotene 5-6 ppm - lycopene 75-80 ppm - total fruit sugars 65-70% 	<ul style="list-style-type: none"> - fruit size 20-30 mm - β-carotene 0-1 ppm - lycopene 20-25 ppm - total fruit sugars 65-70% 	<ul style="list-style-type: none"> - fruit size 50-60 mm - β-carotene 6-8 ppm - lycopene 75-85 ppm - total fruit sugars 50-55% 	<ul style="list-style-type: none"> - fruit size 70-80 mm - β-carotene 1-2 ppm - lycopene 55-65 ppm - total fruit sugars 55-65% 	<ul style="list-style-type: none"> - fruit size 90-100 mm - β-carotene 1-2 ppm - lycopene 55-65 ppm - total fruit sugars 65-70%

FIGURE 3

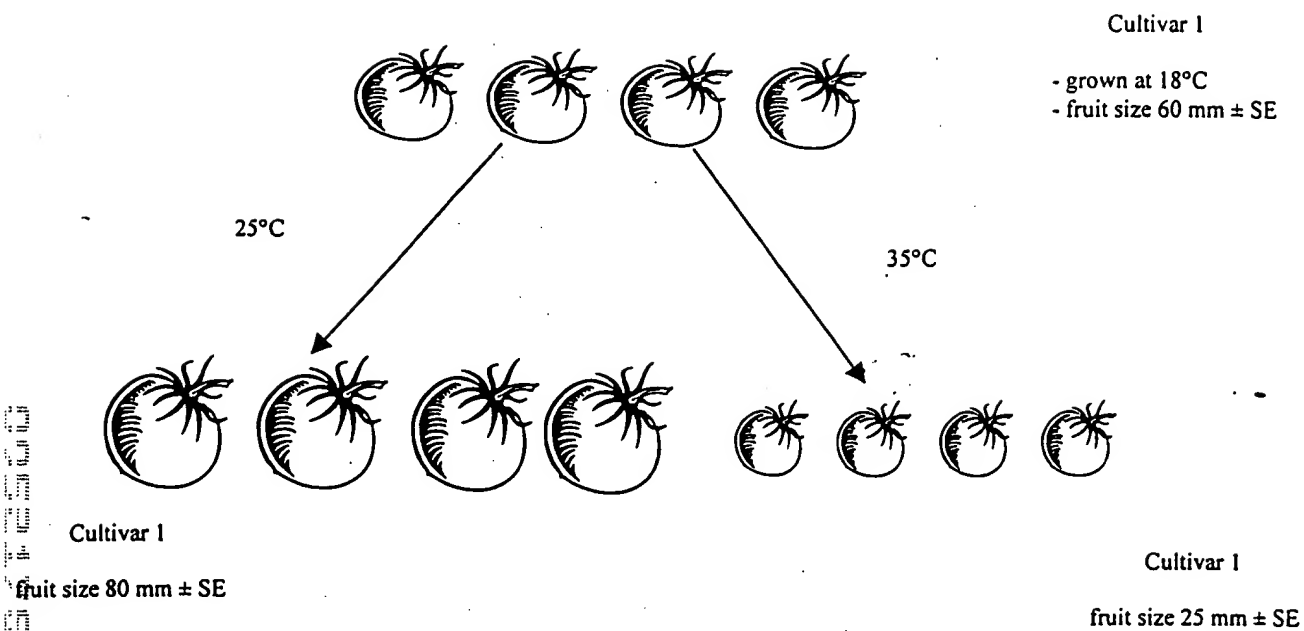


FIGURE 4A

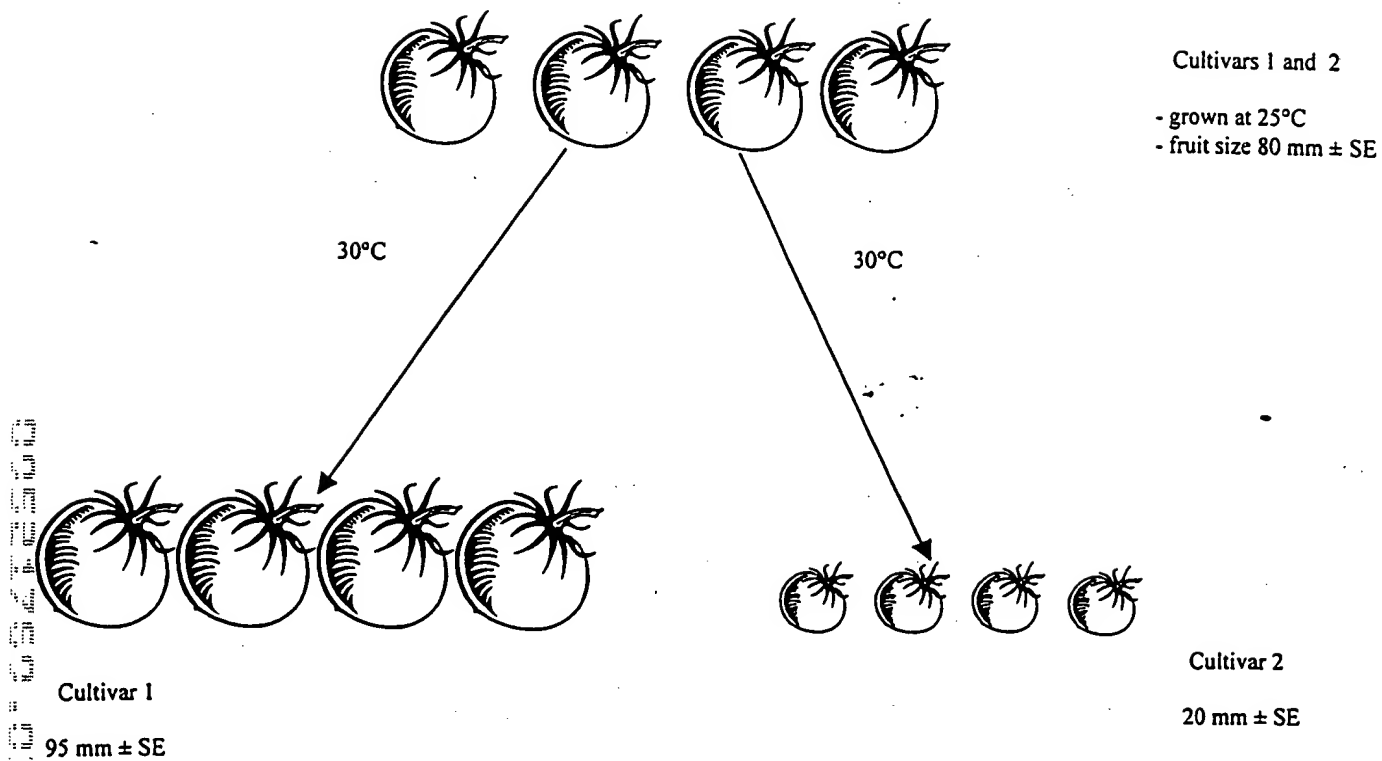


FIGURE 4B

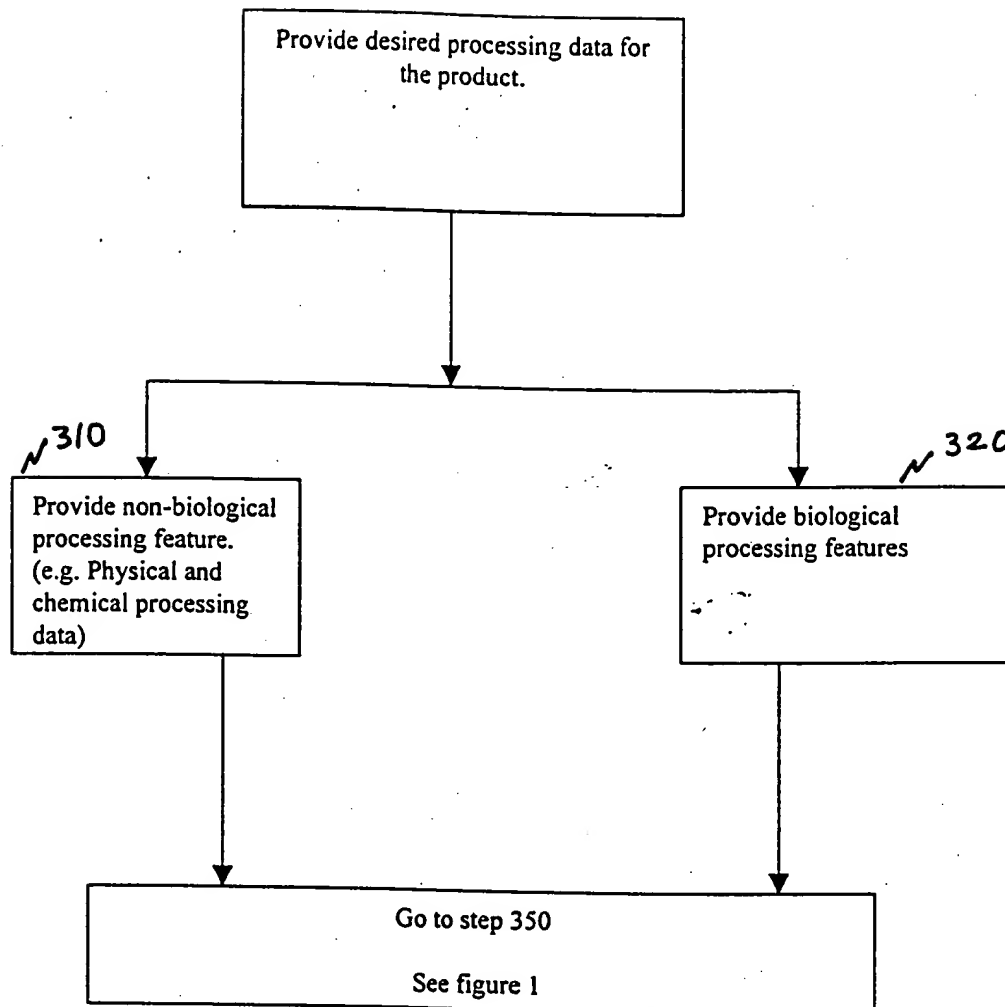


FIGURE 5

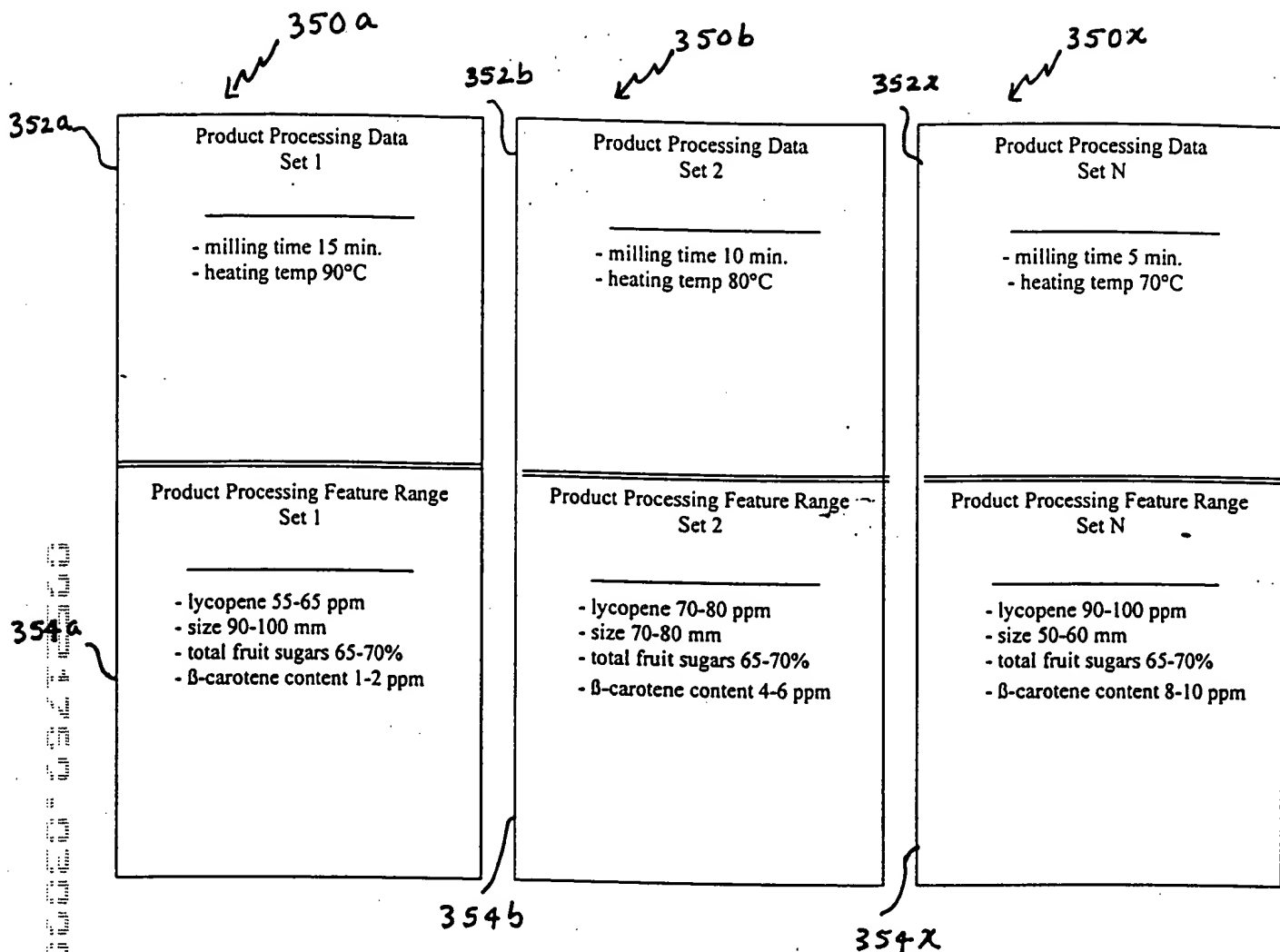


FIGURE 6

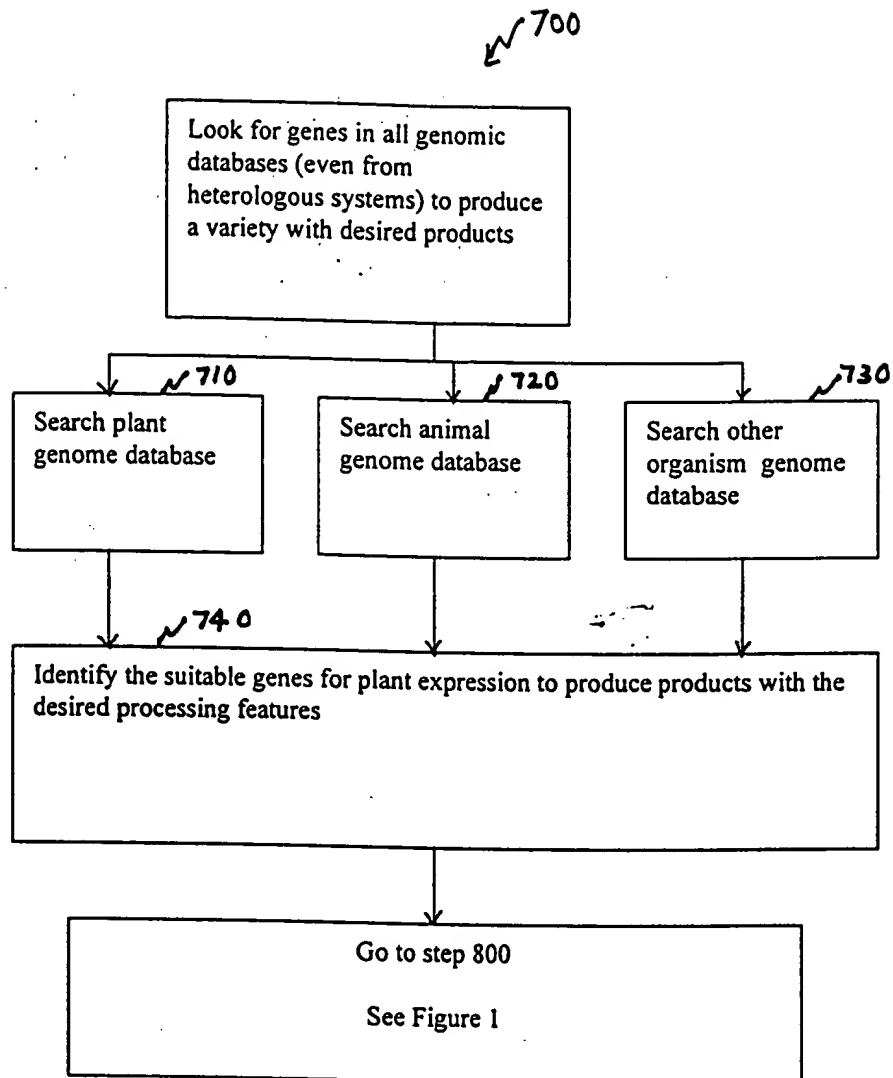


Figure 7

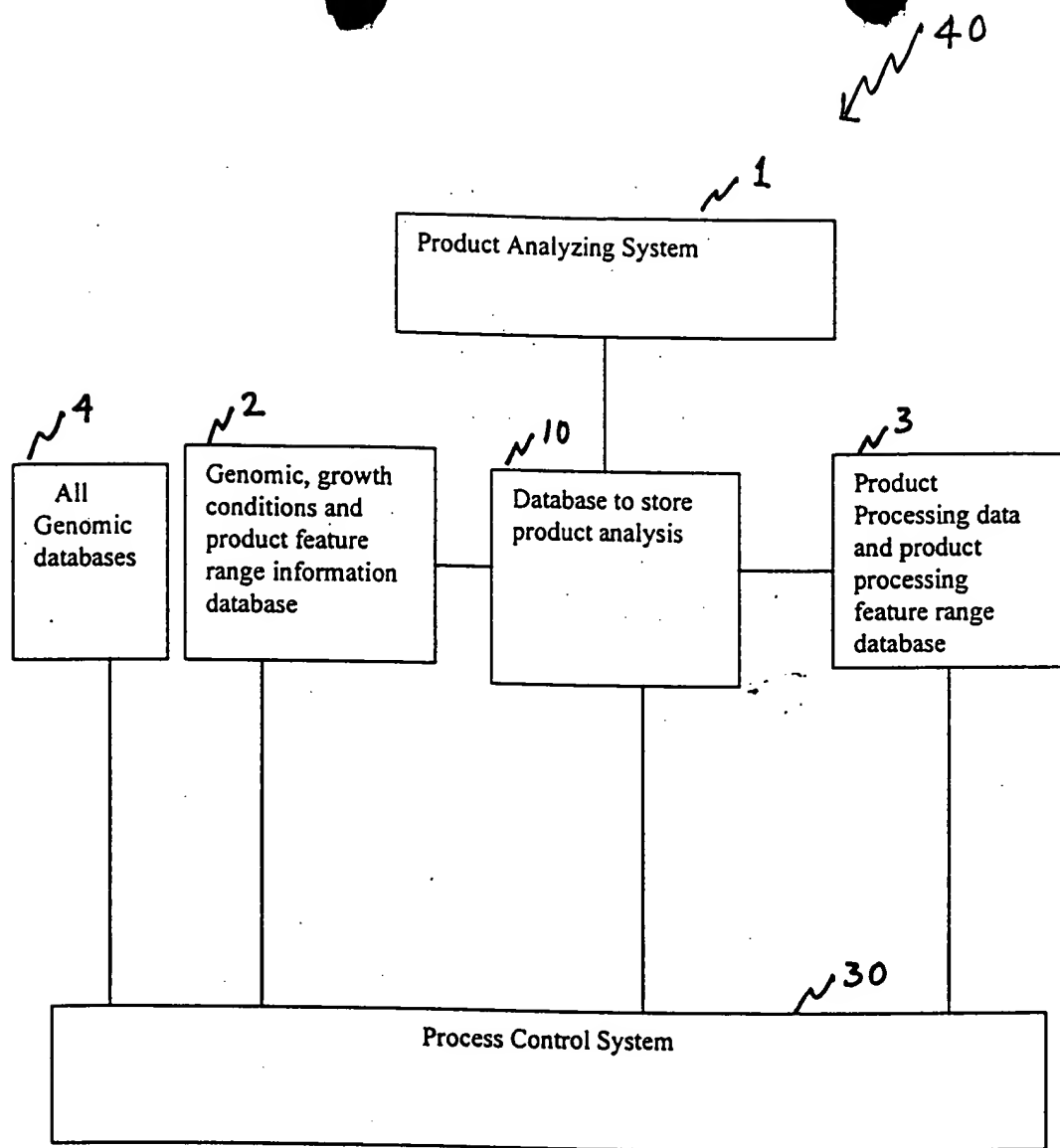


Figure 8